ABSTRACT OF THE DISCLOSURE

A system and method for simulating defects of visual function are provided. In one aspect, the invention provides a computer system for simulating visual defects including a device for obtaining an input image, a memory, a processing unit, means for modifying the input image to simulate a visual defect, and a display device. In another aspect, the invention provides methods for simulating a visual defect to a user which involves obtaining an input image, selecting a visual defect filter set to apply, processing and displaying the modified image.

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